

1.(Currently Amended) An audio system that provides a plurality of speaker output signals to a plurality of loud speakers, said audio system comprising:

an FM receiver that receives an input signal and demodulates said input signal to provide an audio output signal, and also provides a control signal indicative of the reception quality of said audio output signal; and

a multichannel sound reproduction system that receives said audio output signal and said control signal, and provides the plurality of speaker output signals wherein the sound reproduction associated with the plurality of speaker output signals is set by said multichannel sound reproduction system as a function of said control signal, such that stereo reproduction is provided when the control signal value lies between a first threshold value and a second threshold value, pseudo-stereo reproduction is provided when the control signal value lies between the second threshold value and a third threshold value, and mono reproduction is provided when the control signal value lies below the third threshold value – the first threshold value being greater than the second threshold value, and the second threshold value being greater than the third threshold value.

2.(Original) The audio system of claim 1, wherein said control signal is derived from a quality signal generated from a tuner of said FM stereo receiver.

3.(Cancelled)

4.(Cancelled)

5.(Cancelled)

6.(Cancelled)

7.(Currently Amended) Method for controlling a multichannel sound reproduction system with a plurality of speakers (~~L1-L6~~) which is connected to the output of an FM stereo receiver that controls the stereo and mono component in the output signal in response to the reception signal,

~~characterized in that~~

wherein, a control signal derived from the reception quality controls the sound reproduction of the multichannel sound reproduction system, wherein stereo reproduction occurs when the stereo component in the output signal of the FM stereo receiver lies below a first threshold value, pseudo-stereo reproduction occurs when the stereo component lies below a second threshold value, and mono reproduction occurs when the stereo component lies below a third threshold value – the first threshold value being greater than the second, and the second being greater than the third.

8.(Cancelled)

9.(Currently Amended) The Mmethod of according to claim 7, wherein

~~characterized in that~~

the control signal to control the multichannel sound reproduction system is derived from a quality signal generated from the tuner of the FM stereo receiver ~~(FM)~~.

10.(Cancelled)

11.(Cancelled)

12.(Cancelled)

13.(Cancelled)

14.(Cancelled)

15.(Currently Amended) An audio system, comprising:

an FM stereo receiver that provides an audio output signal and a control signal indicative of the reception quality of said audio output signal;

a multichannel sound reproduction system with a plurality of speakers which is connected to the output of an FM stereo receiver in which the stereo component and the mono component are controlled in the output signal in response to the reception signal,

~~characterized in that~~

wherein, the control signal derived from the reception quality is provided to control the sound reproduction of the sound reproduction system, such that stereo reproduction is provided

when the stereo component in the output signal of the FM stereo receiver lies below a first threshold value, pseudo-stereo reproduction is provided when the stereo component lies below a second threshold value, and mono reproduction is provided when the stereo component lies below a third threshold value – the first threshold value being greater than the second threshold value, and the second threshold value being greater than the third threshold value.

16.(Cancelled)

17.(Currently Amended) The Mmultichannel sound reproduction system of ~~according to~~
claim 15, wherein

characterized in that

the control signal to control the multichannel sound reproduction system is derived from
a quality signal generated from the tuner of the FM stereo receiver.

18.(Cancelled)

19.(Cancelled)

20.(Cancelled)

21.(Cancelled)

22.(Cancelled)

23.(New) The audio system of claim 1, wherein said control signal is indicative of the reception field strength of said input signal.

24(New) The audio system of claim 1, wherein said control signal is indicative of the reception level of said FM receiver.